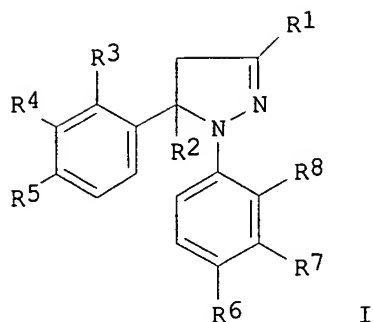


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L7 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1999:784081 CAPLUS
 DOCUMENT NUMBER: 132:12302
 TITLE: Diarylpyrazoles as inhibitors of cyclooxygenase-2
 INVENTOR(S): Cuberes-Altisent, Maria Rosa; Berrocal-Romero, Juana
 Maria; Contijoch-Llobet, Maria Montserrat;
 Frigola-Constansa, Jordi
 PATENT ASSIGNEE(S): Laboratorios Del Esteve, S.A., Spain
 SOURCE: PCT Int. Appl., 60 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Spanish
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9962884	A1	19991209	WO 1999-ES156	19990527
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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OTHER SOURCE(S):	MARPAT 132:12302			
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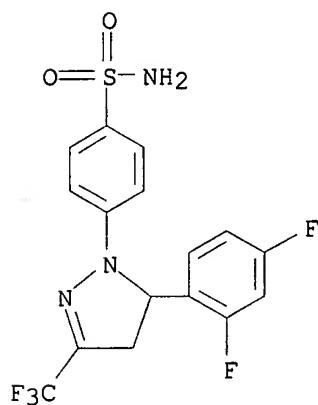
AB Diarylpyrazoles I [R1 = H, Me, CH₂F, CHF₂, CF₃, CO₂H, alkoxycarbonyl, carbamoyl, CN; R2 = H, Me; R3, R4, R7, R8 = H, Cl, F, Me, CF₃, OMe; R5 = H, Cl, F, Me, CF₃, OMe, OCF₃; R6 = SO₂Me, SO₂NH₂, SO₂NHAc; R5 = SO₂Me, SO₂NH₂, SO₂NHAc, R6 = H, Cl, F, Me, CF₃, OMe, OCF₃] were prepared for use in treating inflammation and other processes mediated by COX-2. Thus, 2,4-F₂C₆H₃CHO was treated with CF₃COMe to give (E)-2,4-F₂C₆H₃CH:CHCOCF₃ which was cyclized with 4-H₂NSO₂C₆H₄NHNH₂ to give I [R1 = CF₃, R2-R4, R7, R8 = H, R5 = SO₂Me, R6 = Me] which gave 92% inhibition of COX-2 activity at 40 mg/kg orally in rats.

IT 251442-94-1P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(preparation of diarylpyrazoles as inhibitors of cyclooxygenase-2)

RN 251442-94-1 CAPLUS

CN Benzenesulfonamide, 4-[5-(2,4-difluorophenyl)-4,5-dihydro-3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



IT 251443-65-9P 251443-66-0P

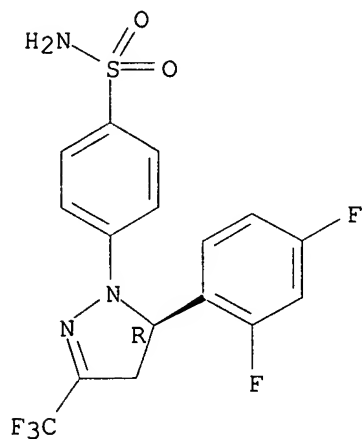
RL: PUR (Purification or recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of diarylpyrazoles as inhibitors of cyclooxygenase-2)

RN 251443-65-9 CAPLUS

CN Benzenesulfonamide, 4-[(5R)-5-(2,4-difluorophenyl)-4,5-dihydro-3-

(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

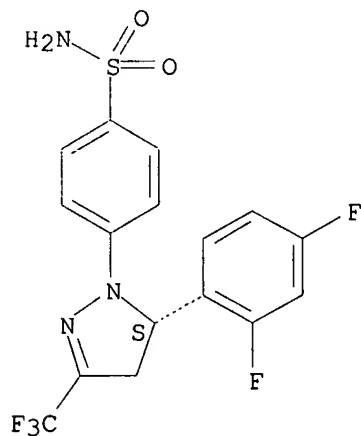
Absolute stereochemistry. Rotation (+).



RN 251443-66-0 CAPLUS

CN Benzenesulfonamide, 4-[(5S)-5-(2,4-difluorophenyl)-4,5-dihydro-3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).

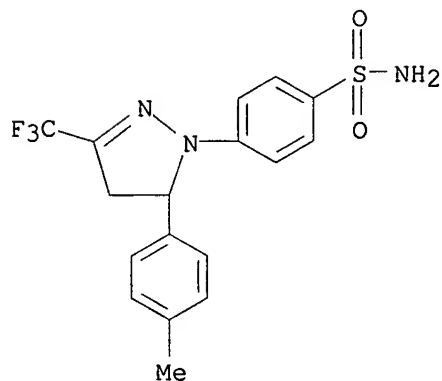


IT 251442-92-9P 251442-93-0P 251442-96-3P
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RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of diarylpyrazoles as inhibitors of cyclooxygenase-2)

RN 251442-92-9 CAPLUS

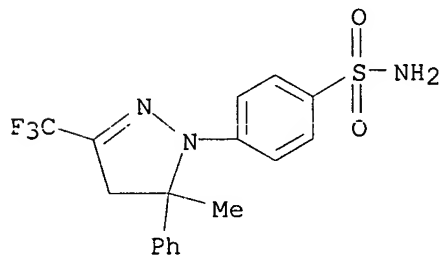
CN Benzenesulfonamide, 4-[4,5-dihydro-5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



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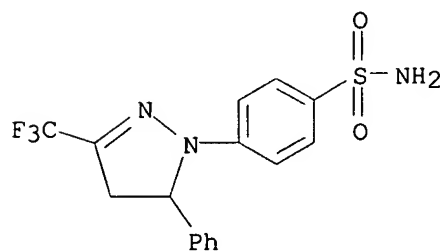
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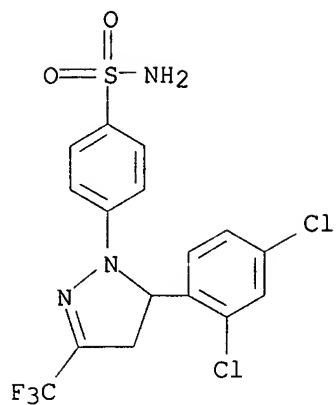
CN Benzenesulfonamide, 4-[4,5-dihydro-5-methyl-5-phenyl-3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



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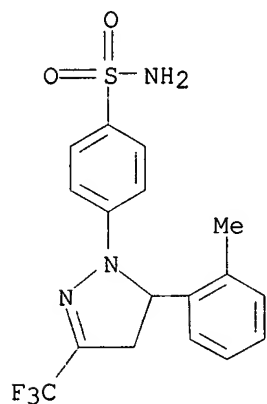
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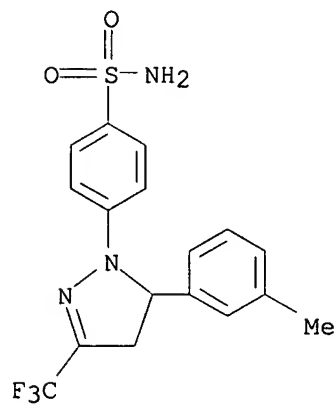
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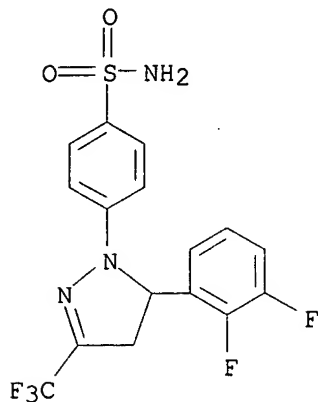


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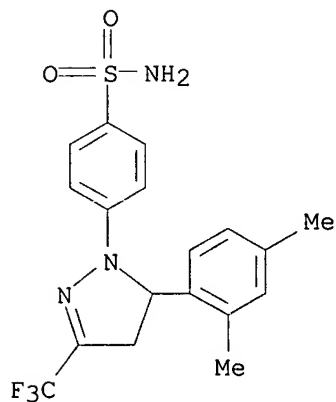
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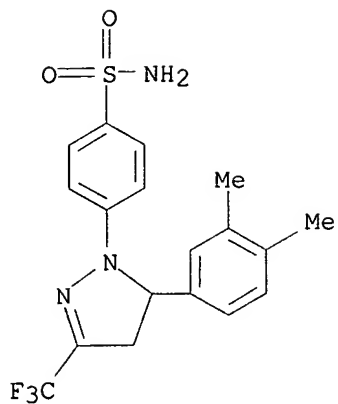
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RN 251443-15-9 CAPLUS
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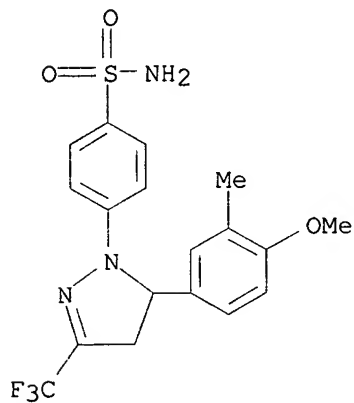


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RN 251443-35-3 CAPLUS

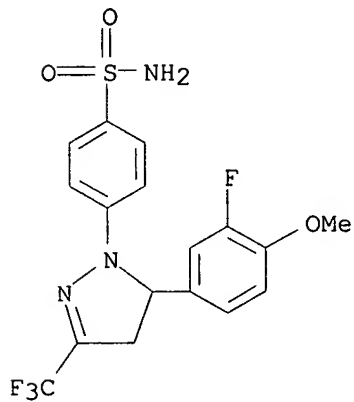
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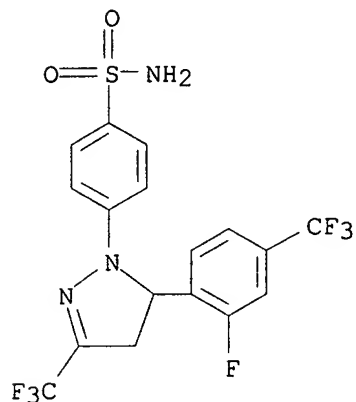
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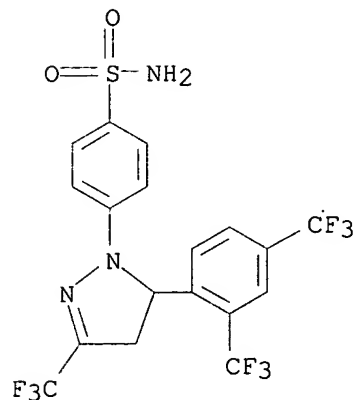
CN Benzenesulfonamide, 4-[5-(3-fluoro-4-methoxyphenyl)-4,5-dihydro-3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



RN 251443-43-3 CAPLUS
CN Benzenesulfonamide, 4-[5-[2-fluoro-4-(trifluoromethyl)phenyl]-4,5-dihydro-3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



RN 251443-44-4 CAPLUS
CN Benzenesulfonamide, 4-[5-[2,4-bis(trifluoromethyl)phenyl]-4,5-dihydro-3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)



RN 251443-45-5 CAPLUS
CN Benzenesulfonamide, 4-[5-(3-fluoro-2-methylphenyl)-4,5-dihydro-3-(trifluoromethyl)-1H-pyrazol-1-yl]- (9CI) (CA INDEX NAME)